IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-12. (Canceled)

13.(New) An image scanner device for communicating information with a personal computer installed with a character recognition software and at least one application software, wherein the character recognition software can convert character image information into character code information, said device comprising;

i) an image sensor means for optically scanning on an intended region of a document so as to retrieve character image information therefrom;

ii) an output means for sending the character image information retrieved from the intended region to the personal computer;

iii) an input means for receiving character code information corresponding to the character image information from the personal computer;

iv) a display means for displaying the character code information; and

v) an operating means for fixing and sending back the character code information to the personal computer through the output means so that the character code information is introduced at a cursor position for the application software active in the personal computer.

14. (New) The image scanner device of claim 13, wherein said device comprises a pointing function means for the personal computer.

15. (New) The image scanner device of claim 14, wherein said device comprises a scanner mouse means to serve for the pointing function means.

16. (New) The image scanner device of claim 15, wherein said device comprises a sensor circuit for utilizing a positional signal of the scanner mouse means and/or the image sensor means as a positional signal for said device.

17. (New) The image scanner device of claim 14, wherein said device is connected to the personal computer through a high-speed bi-directional communication bus.

18. (New) The image scanner device of claim 13, wherein the character code information is displayed in real time base at the display means and the character code information can be changed until when the intended character code information is fixed.

19. (New) An optical character recognition system comprising an image scanner device and a personal computer installed with a character recognition software and at least one application software, wherein the character recognition software can convert character image information into character code information, said image scanner device comprising:

i) an image sensor means for optically scanning on an intended region of a document so as to retrieve character image information therefrom;

ii) an output means for sending the character image information retrieved from the intended region to the personal computer.

iii) an input means for receiving character code information corresponding to the character image information from the personal computer;

iv) a display means for displaying the character code information; and

v) an operating means for fixing and sending back the character code information to the personal computer through the output means so that the character code information is introduced at a cursor position for the application software active in the personal computer.

20. (New) The optical character recognition system of claim 19, wherein said at least one application software contains a voice synthesizer software and the character code information is output from the personal computer in a form of voice information converted by the voice synthesizer software.

21. (New) The optical character recognition system of claim 19, wherein said sat least one application software contains a voice recognition software to amend the character code information in response to a voice instruction to the voice recognition software.

22. (New) A method for inputting data to an optical character recognition system comprising an image scanner device and a personal computer installed with a character recognition software and at least one application software, wherein the character recognition software can convert character image information into character code information, said method comprising the steps of:

i) optically scanning the image scanner device on an intended region of a document so as to retrieve character image information therefrom;

ii) transferring the character image information retrieved from the intended region to the personal computer;

iii) converting the character image information into character code information by the character recognition software in the background of said at least one application active in the personal computer;

iv) transferring the character code information to the image scanner device;

v) displaying and fixing the character code information on the image scanner device;

vi) transmitting the character code information from the image scanner device to the personal computer when the character code information is fixed; and

vii) introducing the character code information at a cursor position for the application software active in the personal computer.

23. (New) The method of claim 22, wherein said at least one application software contains a program software for utilizing the character code information as 2 byte Asian language and the character code information is introduced into the application software active in the personal computer through the program software.

24. (New) The method of claim 22, wherein the character code information and the character image information are both displayed on the personal computer so that the character code information can be amended with reference to the character image information.